## International Journal of Computer Mathematics VOLUME 11

**INDEX** 

## Index

SECTION A No. 1

BEAUQUIER, J.
Sur la Structure des Langages Algebriques, 3

CALUDE, CRISTIAN and CHITESCU, ION Strong Non-Computability of Random Strings, 43

CHITESCU, ION see Calude, Cristian

DHAMDHERE, D. M. see Joshi, S. M.

JOSHI, S. M. and DHAMDHERE, D. M.

A Composite Hoisting-Strength Reduction Transformation for Global Optimisation,
Part I, 21

SECTION B No. 1

Evans, D. J. see Shanehchi, J.

Evans, G. A., Hyslop, J. and Morgan, A. P. G.

The Iterative Solution of a Non-Linear Fredholm Integral Equation Arising from a Chemical Reactor Problem, 73

HYSLOP, J. see Evans, G. A.

MORGAN, A. P. G. see Evans, G. A.

SHANEHCHI, J. and EVANS, D. J.

Further Analysis of the Quadrant Interlocking Factorisation (Q.I.F.) Methods, 49

SECTION A No. 2

Dewdney, A. K.

Linear Time Transformations Between Combinatorial Problems, 91

DHAMDHERE, D. M. see Joshi, J.

JOSHI, S. M. and DHAMDHERE, D. M.

A Composite Hoisting-Strength Reducation Transformation for Global Optimisation,
Part II, 111

INDEX

NEVALAINEN, O. see Teuhola, J.

TEUHOLA, J. and NEVALAINEN, O.

Two Efficient Algorithms for Random Sampling Without Replacement, 127

## SECTION B No. 2

BARLOW, R. H., EVANS, D. J. and SHANEHCHI, J.
An Asynchronous Parallel Version of the Power Method, 143

Evans, D. J. see Barlow, R. H.

KHALIQ, A. Q. M. and TWIZELL, E. H.

The Extrapolation of Stable Finite Difference Schemes for First Order Hyperbolic Equations, 155

ISA, MOHAMMED and USMANI, RIAZ, A.

Quintic Spline Solution of a Boundary Value Problem, 169

SHANEHCHI, J. see Barlow, R. H.

TWIZELL, E. H. see Khaliq, A. Q. M.

USMANI, RIAZ, A. see Isa, Mohammed

## SECTION A A Nos. 3 and 4

GRANT, PHILIP W.

Extensions of Sokolowski's Theorem to Prove Languages are not Context Free or not Regular, 187

LANGE, KLAUS-JÖRN

L Homomorphisms and Reductions of OL Systems, 197

LOUKAKIS, E. and TSOUROS, C.

Determining the Number of Internal Stability of a Graph, 207

RICCI, GABRIELE

Syntactic Compression Codes at the Zero Entropy Point, 221

Tsouros, C. see Loukakis, E.

VON SOLMS, S. H.

Rewriting Systems with Limited Distance Forbidding Context, 227

iv INDEX

SECTION B Nos. 3 and 4

DUNHAM, CHARLES B.

Discrete Chebyshev Approximation with Interpolation, 243

EVANS, D. J. and SOJOODI-HAGHIGHI, R. Parallel Iterative Methods for Solving Linear Equations, 247

PETKOVIĆ, M. S.

A Family of Simultaneous Methods for the Determination of Polynomial Complex Zeros, 285

RAZZAGHI, M.

A Computational Solution for the Matrix Riccati Equation using Laplace Transforms, 297

SOJOODI-HAGHIGHI, R. see Evans, D. J.

USMANI, RIAZ A.

On a Class of Numerical Integration Methods for a Problem of Plate Deflection Theory, 305